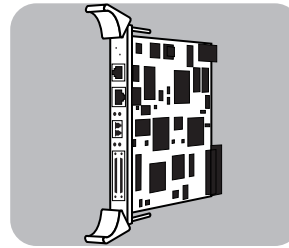


hp
StorageWorks

ESL
E-Series
Robotics
Controller Card
(e1200-160)

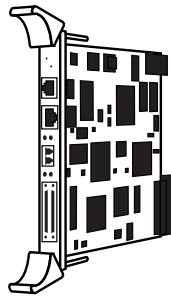
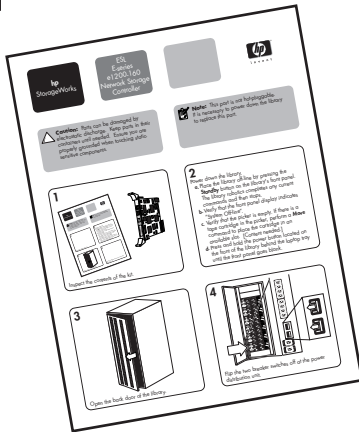


Caution: Parts can be damaged by electrostatic discharge. Keep parts in their containers until needed. Ensure you are properly grounded when touching static-sensitive components.



Note: This part is not hot-pluggable. It is necessary to power down the library to replace this part.

1



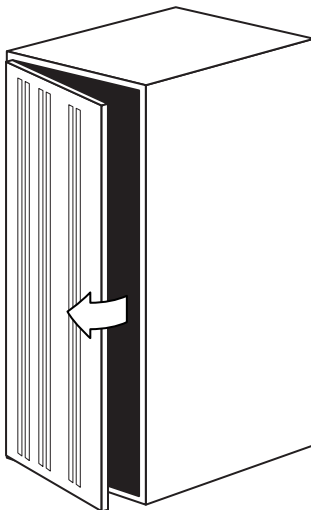
Inspect the contents of the kit.

2

Power off the library.

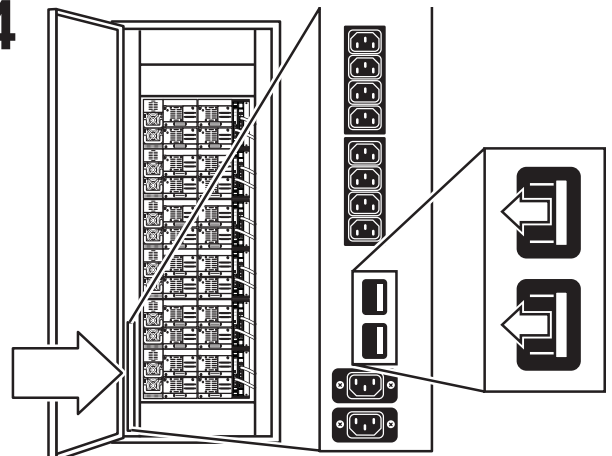
- Use your backup software to empty the picker or to verify that the picker is empty.
- Place the library off-line by pressing the **Standby** button on the library's front panel.
- Verify that the front panel display indicates "System Off-line".
- Press and hold the **power** button, located on the front of the library behind the laptop tray, until the front panel goes blank.

3



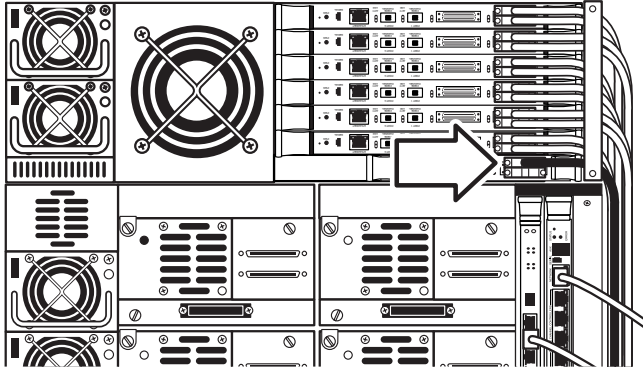
Open the back door of the library.

4



Flip the two breaker switches off (to the left) at the power distribution unit.

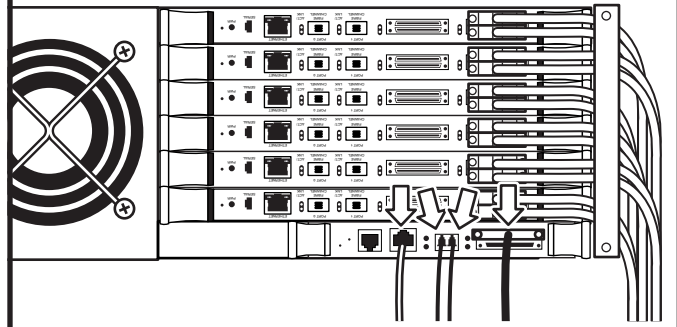
5



Identify the robotics controller. It is the narrowest card in the card cage, and is located in the bottom-most slot.

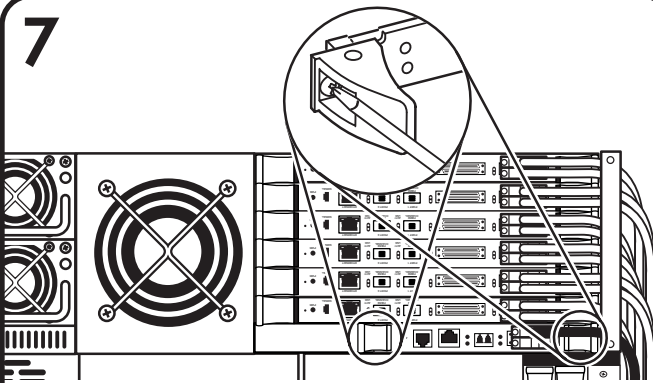
6

Removal



Take note of the cable connections for easier reconnection, then remove the cables from the controller.

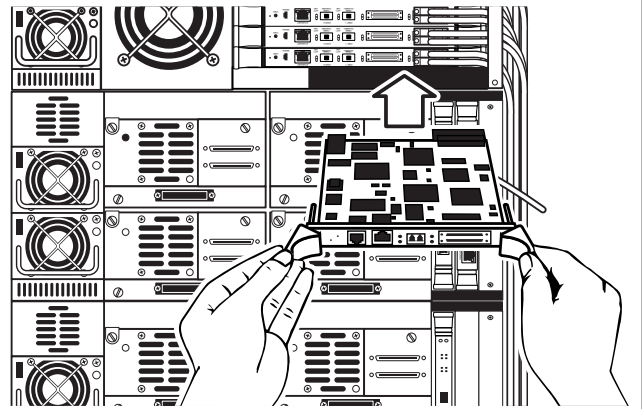
7



Use a #2 Phillips screwdriver to loosen the captive screws in the black ejector handles at both ends of the robotics controller. Push the ejector handles toward the outside, then pull on them to remove the controller.

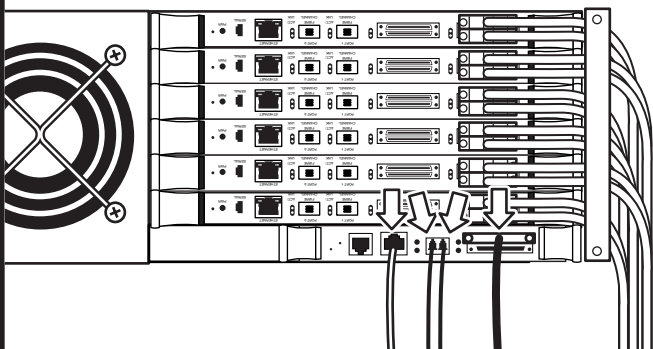
8

Replacement



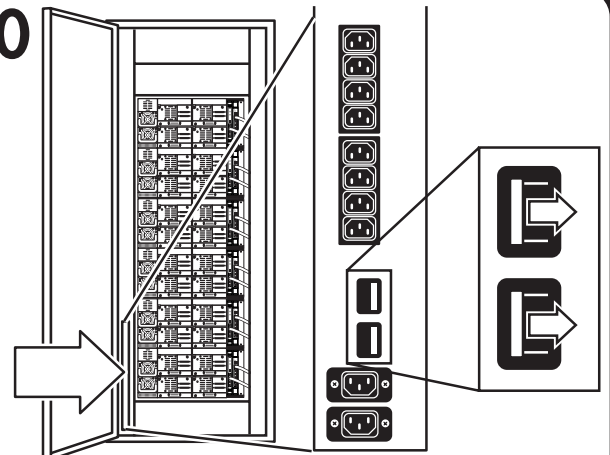
Slide the replacement controller into the card cage. Tighten the captive screws.

9



Connect the cables to the new robotics controller, exactly as they were on the original controller.

10



Flip the two breaker switches on at the power distribution unit.

11

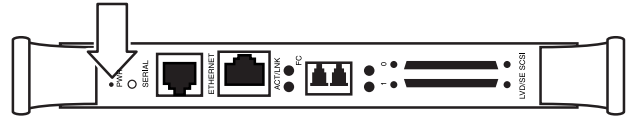
Power on the library.

- a. Verify that power cables are firmly in place.
- b. Press the power button located behind the laptop tray.
- c. After several seconds, verify that the current state of the library appears in the System State display on the front panel ("System On-line" or "System Off-line").



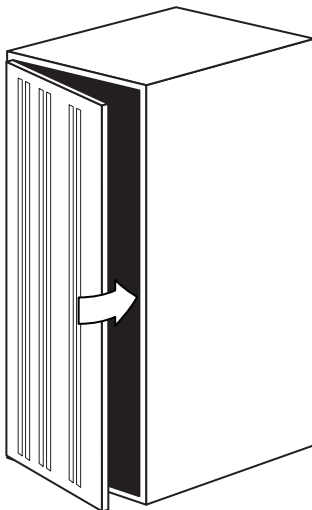
Note: To change the state, press the **Standby** button on the front panel. This toggles the library between on-line and off-line states.

12



Verify that the power LED is green. Also verify that the card and the library robotics are recognized by either the Interface Manager or the HP StorageWorks Command view ESL.

13



Close the back door of the library.

Getting Help

- HP Product Information:
<http://www.hp.com/products/tapestorage>
- HP Technical Support and Phone Numbers:
<http://www.hp.com/support>
- HP StorageWorks Library and Tape Tools (L&TT) diagnostic software:
<http://www.hp.com/support/tapetools>
- Interface Manager and HP StorageWorks Command View ESL:
<http://www.hp.com/support/cvesl>

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First Edition (January 2004)
Part Number: 351426-001



351426-001

